

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/002824

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H04N 5/50**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.7 H04B 1/08, H04N 5/00, 5/44, 7/16, 7/173

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Korean Utility models and applications Utility models for since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKIPASS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP15101421A (SHARP CORP) 04.04.2003 -See the whole document	1-19
A	EP1317073A1 (ZARLINK SEMICONDUCTOR LTD) 06.09.2000 -See the whole document	1-19
A	WO9832233A2 (KONINKLIJKE PHILIPS ELECTRONICS N.V.) 23.07.1998 -See the whole document	1-19
A	US6052569A (PHILIPS CORP) 18.04.2000 -See the whole document	1-19

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

28 JANUARY 2005 (28.01.2005)

Date of mailing of the international search report

28 JANUARY 2005 (28.01.2005)

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2004/002824

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP15101421A	04.04.2003	none	
EP1317073A1	04.06.2003	EP1317073A1 JP2003198401A US2003133049A1	04.06.2003 11.07.2003 17.07.2003
W09832233A2	23.07.1998	CN1219320A CN1219320T EP1002371A2 SG55266A1	09.06.1999 09.06.1999 24.05.2000 27.04.1999
US6052569A	18.04.2000	DE19701459A1	23.07.1998